

ABSTRACT OF THE DISCLOSURE

A loader-type heavy construction machine has a chassis and work equipment. The work equipment includes two parallel arms articulated relative to the frame, a bucket articulated relative to the arms, a set of link rods forming, with a portion of the bucket and of the arms, a deformable parallelogram, and a bucket actuator capable of being controlled to cause deformation of the deformable parallelogram so as to orient the bucket with respect to the arms. A cam is moved by a connecting bar connected at one end to the deformable parallelogram so that the position of the cam is dependent on the orientation of the bucket with respect to the chassis. The cam interfaces with an hydraulic circuit to ensure that the bucket is maintained in a position preventing it from accidentally tipping over backwards, regardless of commands exerted on an hydraulic manipulator by a driver of the machine.